RADIO RELAY
SITE

CORBIN R.

CALL SIGN KJK54

MAR 24 1975

RESTORATION PLAN

To be kept at: ~~Maintenance Center~~
Radio Relay Site

South Central Bell

State Toll Plant Svr.

M. M. Burgher, Jr.
Toll Maintenance Supervisor

NETWORK RADIO: Point-to-Point
270.110

DATE: 10-11-88

TO:

FROM: OPERATIONS MANAGER -
TECHNICAL SUPPORT
534 ARMORY PLACE, 3-WEST
LOUISVILLE, KENTUCKY 40202

The attached information is being provided to update your copy of the Radio Relay Site Restoration Plan for CORBIN R. Call Sign KJK54.

Please make arrangements to place the updated information in your copy of the plan kept at Radio Relay Site. and destroy each page or drawing that it replaces.

Should you find any errors or have questions, please contact W. L. Beggs at 502-582-8490 or G. Dudding at 502-582-8278.

NOTE: Remove and destroy cancelled items from the plan.

● Issue 10 Date 10-11-

(See Note 4)

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RADIO RELAY SITE RESTORATION PLAN

FOR CORBIN R.

CALL SIGN KJK54

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*Up-dated Plot Plan received, issue to be changed after Building Engineers field visit.

Notes:

1. A bullet (●) indicates an item has been added or changed since the previous issue of the index.
2. A square (☐) indicates a canceled item. Remove and destroy canceled items from the plan. Information relating to the cancellation, if necessary, will be shown in a note following the item. Canceled items and related notes will be deleted upon reissue of the index.
3. "OC" is the abbreviation for Original Copy where an issue number was not provided
4. This index sheet should be retained in the Restoration Plan folder until the next issue is received.

DESCRIPTION - CORBIN REPEATER SITE

The Corbin Repeater Site is located approximately 2.6 miles S. W. of Corbin, Kentucky on Highway #727. The station is located on a knob in Whitley County. The highway is paved and the access road is graveled.

The building is a flat-roofed pre-cast structure, with walls of concrete block. The surrounding area is covered with woods and underbrush.

A base station for the telephone company maintenance radio channel (KEY-549) is also located at this site.

RETENTION CODE
A311P 000AB

PAS 84
Page 1
(12-66)
002-503-986LL

RADIO RELAY RESTORATION PLAN

Date 10-11-88

Station CORBIN R

ITEM		INFORMATION	NOT
LOCATION		2.6 Miles SW of Corbin, Kentucky	
COORDINATES		LAT. 36° 55' 30" N LONG. 84° 08' 17"	
PACKAGES REQUIRED		☐ -PLAN 1 (CHANS 1 TO 6) ☐ -PLAN 2 (CHANS 7 TO 12)	
CONNECT BAYS		☐ A ☐ B ☐ A ☐ B	
TOWER	EXISTING	ELEVATION 1377' HEIGHT 261' TYPE See Note	2
	EMERGENCY	ELEVATION 1380' HEIGHT 272' SOURCE AT & T	
	OBS. LTG.	☐ -NONE ☒ -TOP FLASHER WITH SIDE LIGHTS AT ☒ 1/2 ☐ 1/3 ☐ 2/3	
ANTENNA	TOWARD	Mt. Vernon Corbin T Logmont	
	TYPE	GAB. UHR-10A GAB. UHR-6 GAB. UHR-10A	
	HEIGHT (C/L ABOVE GND)	146' 234.5' 234.5'	
	AZIMUTH	330° 26' 56° 49' 142° 58'	
RECEIVE SIGNAL (NOMINAL 4GHz)		See Note	3
PRIMARY POWER	CONFIGURATION	110/220 VOLTS Single PHASE 3 WIRE	
	FURNISHED BY	RECC Cumberlan Valley - Corbin, KY 606-528-2677	
	TRANSFORMERS	1 25KVA	
ORDER WIRE FACILITIES	FURNISHED BY	South Central Bell Telephone Company	
	TYPE	W. E. Co. General Purpose	
	REPORT TBL. TO	~~Jackson, Mississippi 601-961-1261~~ FMAC 557-2294	
EXCHANGE TELEPHONE SERVICE	EXISTING NO.	606-528-9017	
	BUSINESS OFC.	606-557-6000	
	CONTACT	NORMAL 606-248-9028 EMERGENCY 606-337-6624	
	NEAREST PHONE	Same as above	
	MOBILE PHONE?	Key 549 (Can be manually operated at the station)	
LARGE TRUCK PASSAGE	CONDITION OF ACCESS ROAD	☒ GOOD ☐ POOR ☐ AS'T. REQ'D.	
	CONDITION OF PUBLIC ROAD	☒ GOOD ☐ POOR ☐ AS'T. REQ'D.	
	SNOW REMOVAL BY	County Road Department	
	CONTRACTOR FOR ASSISTANCE	Does not Apply	
OTHER INSTALLED SYSTEMS OR SERVICES	LENKURT MW		
	COLLINS MW /AT&T	(4), /DR6-30-135 4-TX, 4-RX, DR11-40-135 2TX, 2-RX	
	FM TERMINALS		
	AUTO SWITCHING		
	OTHER	E-2 Status System + DAS	

MAINTENANCE CENTER Middlesboro ~~Rad~~ Radio LOCATION Middlesboro, KY TRAVEL TIME 1 Hour, 50

Issue 8
10-11-88

RADIO RELAY RESTORATION PLAN

Date 6-05-84

Station CORBIN R.

ITEM		INFORMATION	PERSON CONTACTED	NOTE
CONTRACTORS AND SUPPLIERS	TYPE	LABORERS MID-Co	Steve Weaver	
	LOCATION	Pineville, Kentucky 606-337-5249		
	TYPE	SPECIAL EQUIPMENT Welding: Roark Bros.		
	LOCATION	London, Kentucky 606-864-4165		
	TYPE	SPECIAL EQUIPMENT Welding Supplies - Corbin Automotive Supply		
	LOCATION	Corbin, Kentucky 606-528-1144		
	TYPE	Home Builder's Supply (Lumber Company)		
	LOCATION	Corbin, Kentucky 606-528-4010		
	TYPE	Electrical Contractor - Jack Ward		
	LOCATION	Corbin, Kentucky 606-528-5683		
	TYPE	Electrical Supplies - Eubank Electrical Supply Inc.,		
	LOCATION	Corbin, Kentucky 606-528-2818		
RESTORATION KITS - STORAGE LOCATION	TOWER	American Telephone & Telegraph Company		
	FOUNDATION			
	COMMUNICATIONS	American Telephone & Telegraph Company		
	OTHER	American Telephone & Telegraph Company		
RENTAL EQUIPMENT	TYPE EQPT.	FIELD OFFICE TRAILER MID Co.	Steve Weaver	
	LOCATION	Pineville, Kentucky 606-337-5249		
	TYPE EQPT.	2-POWER AUGER (12") Same As Above		
	LOCATION			
	TYPE EQPT.	3-HI SPEED WINCH TRUCKS E/W POWER TAKE-UP Same		
	LOCATION	As Above		
	TYPE EQPT.	4-1500W FLOOD LIGHTS Same As Above		
	LOCATION			
	TYPE EQPT.	2 BULLDOZERS (SMALL & LARGE) Same As Above		
	LOCATION			
	TYPE EQPT.	PORTABLE TOILET A1 Sanitation Company	Linda Prather	
	LOCATION	Lexington, Kentucky 606-255-3048 (D-N)		
	TYPE EQPT.			
	LOCATION			
	TYPE EQPT.			
	LOCATION			

RADIO RELAY RESTORATION PLAN

Date 10-11-88

Station CORBIN R.

ITEM	INFORMATION	NOTE
NEAREST AIRPORT	London, Kentucky (London-Corbin Airport)	4
LOCAL POLICE	Kentucky State Police-London, Kentucky 606-878-6622	
FIRE DEPARTMENT	Corbin Fire Dept. 606-~~582~~ 528-2411 Corbin, Kentucky	
AMBULANCE	Vankirk Funeral Home-Corbin, Kentucky 606-528-3131	
HOSPITAL	South Eastern Baptist- 606-528-1212 Corbin, Kentucky	
DOCTOR	Dr. Don Barton - 606-528-2124 Corbin, Kentucky	
LODGING	Howard Johnson- 606-528-7100 Corbin, Kentucky	
FOOD CATERERS	Yeary's Restaurant 606-528-1202 Corbin, Kentucky	
LOCAL SURVEYOR	J. O. Cannon 524 E. Center 606-528-5956 Corbin KY	
EMERGENCY SHIPPING ADDRESS	South Central Bell Telephone Company	
	7th & Lynn Street, Corbin, Kentucky 40701	
	Attention: Assistant Manager-Toll Operations	

NOTES

1. The existing tower is a 261' self-supporting tower.
2. Nominal Receive levels in dBm are as follows:

FROM MT. VERNON	FROM CORBIN T.	FROM LOGMONT
6 GHz	11 GHz	6 GHz
-24.7	-22.2	-21.1

3. Night Phone: 606-256-4247, 256-5242
   Also for Sunday & Holidays
4. Piedmont Airlines, Phone 800-234-8661
   Aircraft Charter, Rental & Leasing Service (Bolding Aviation)
   606-878-9100

CRBN T	236.84 ------>	2.59	<------ 56.81	CRBN RRS
TX. STA.	AZIMUTH (DEG)	DISTANCE (MI)	AZIMUTH (DEG)	RX. STA.

FREQ.: 11.200 GHZ.
POL.: VERT

TRANSMITTING							RECEIVING	
ANTENNA		GAIN (DB)	LOSS (DB)		LOSS (DB)	GAIN (DB)		ANTENNA
MFG.	GABRIEL			RADOME			GABRIEL	MFG.
TYPE	UHR-6		0.1	POL. NET.	0.6		UHR-6	TYPE
SIZE	HORN						HORN	SIZE
GAIN	44.1	44.1		OTHER		44.1	44.1	GAIN
CL (FT)	98.0			COMPONENT			235.0	CL (FT)
			1.0	CIRC PORT	1.0			OTHER
			0.2	ISOLATORS	0.2			
WAVEGUIDE								WAVEGUIDE
TYPE	FT.						FT.	TYPE
WC281	57.2		0.2		0.6		201.9	WC281
EWP90	36.0		1.1		0.0			EWP90
WR90	14.5		0.6		1.7		41.3	WR90
FLEX	5.5		0.4		0.8		9.5	FLEX
OTHER								OTHER
			0.0	CHL.FLTR.	2.1			
TRANSMITTER								
TYPE	PWR.							
DR11-40-1	30.0	30.0						
		74.1	3.6		6.9	44.1		

NOTES

1. WAVEGUIDE
LENGTHS
FROM
T-0S38-676
T-0S38-677

F.S.L.	-125.9 DB
LOSSES	-10.5 DB
GAINS	118.2 DB
R.S.L.	-18.2 DB

NOTES

1. WAVEGUIDE
LENGTHS
FROM
T-0S49-676
T-0S49-677

ISSUED: 4-30-88 TAT

CRBN T TO CRBN RRS

SYSTEM DESIGN M88-7

CRBN RRS	56.81 ---------->	2.59	<---------- 236.84	CRBN T
TX. STA.	AZIMUTH (DEG)	DISTANCE (MI)	AZIMUTH (DEG)	RX. STA.

FREQ.: 11.200 GHZ.
POL.: VERT

TRANSMITTING							RECEIVING	
ANTENNA		GAIN(DB)	LOSS(DB)		LOSS(DB)	GAIN(DB)		ANTENNA
MFG.	GABRIEL			RADOME			GABRIEL	MFG.
TYPE	UHR-6		0.6	POL. NET.	0.1		UHR-6	TYPE
SIZE	HORN						HORN	SIZE
GAIN	44.1	44.1		OTHER		44.1	44.1	GAIN
CL.(FT)	235.0			COMPONENT			98.0	CL.(FT)
			1.0	CIRC PORT	1.0			OTHER
			0.2	ISOLATORS	0.2			
WAVEGUIDE								WAVEGUIDE
TYPE	FT.						FT.	TYPE
WC281	201.9		0.6		0.2		57.2	WC281
EWP90			0.0		1.1		36.0	EWP90
WR90	41.3		1.7		0.5		13.7	WR90
FLEX	9.5		0.8		0.4		5.5	FLEX
OTHER								OTHER
			0.0	CHL.FLTR.	2.1			
TRANSMITTER								
TYPE	PWR.							
DR11-40-1	30.0	30.0						
		74.1	4.8		5.7	44.1		

NOTES

1. WAVEGUIDE
LENGTHS
FROM
T-0S38-676
T-0S38-677

F.S.L. -125.9 DB
LOSSES -10.5 DB
GAINS 118.2 DB
R.S.L. -18.1 DB

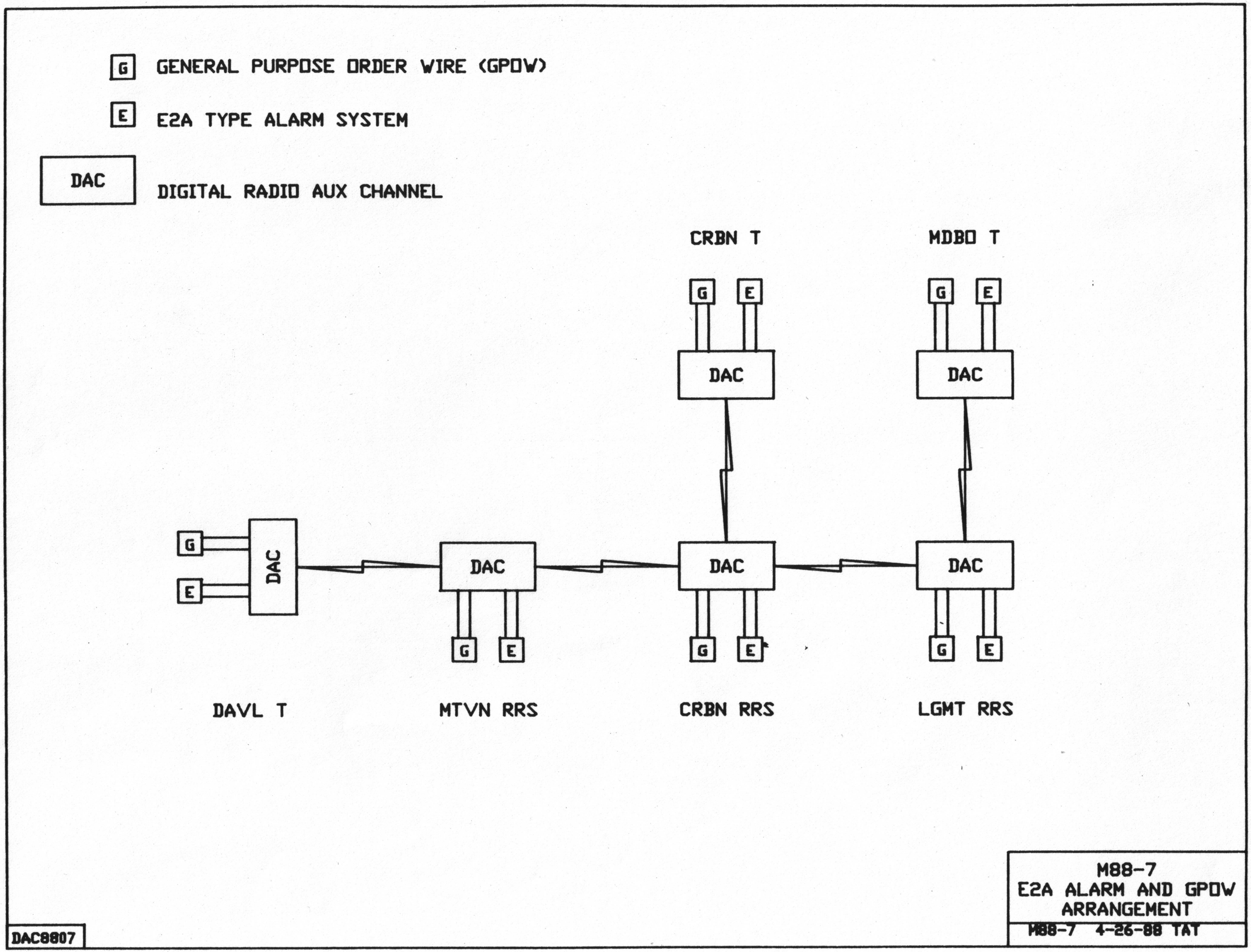
NOTES

1. WAVEGUIDE
LENGTHS
FROM
T-0S49-676
T-0S49-677

ISSUED: 4-30-88 TAT

CRBN RRS TO CRBN T

SYSTEM DESIGN M88-7


G GENERAL PURPOSE ORDER WIRE (GPOW)
E E2A TYPE ALARM SYSTEM
DAC DIGITAL RADIO AUX CHANNEL
CRBN T
MDBO T
G
E
DAC
DAVL T
MTVN RRS
CRBN RRS
LGMT RRS
DAC8807

M88-7
E2A ALARM AND GPOW
ARRANGEMENT
M88-7 4-26-88 TAT

```
CRBN RRS          330.44 -------->          32.49          <--------   150.26          MTVN RRS
--------          ----------------      -------------                ------------      --------
TX. STA.          AZIMUTH (DEG)         DISTANCE (MI)                AZIMUTH (DEG)     RX. STA.

                                      FREQ.:   6.175 GHZ.
           TRANSMITTING                POL.:  HORIZ                         RECEIVING
------------------------------------------------------        ------------------------------------------------
 ANTENNA                 |GAIN(DB) |LOSS(DB) |                 |LOSS(DB) |GAIN(DB) |                ANTENNA
 -------                 |---------|---------|                 |---------|---------|                -------
MFG.        GABRIEL      |         |         |----- RADOME ----|         |         |WECO              MFG.
TYPE        UHR-10A-B    |         |    0.5  |---POL. NET.-----|    1.3  |         |KS-15676          TYPE
SIZE        HORN         |         |         |                 |         |         |HORN              SIZE
GAIN             44.2    |   44.2  |         |----- OTHER -----|         |   43.0  |       43         GAIN
CL(FT)          146.0    |         |         |---COMPONENT-----|         |         |    318.0       CL(FT)
                         |         |         |                 |         |         |
                         |         |    1.0  |---CIRC PORT-----|    1.0  |    9.0  |PREAMP           OTHER
                         |         |    0.2  |---ISOLATORS-----|         |         |
WAVEGUIDE                |         |         |                 |         |         |             WAVEGUIDE
---------                |         |         |                 |         |         |             ---------
TYPE              FT.    |         |         |                 |         |         |      FT.         TYPE
----              ---    |         |         |                 |         |         |      ---         ----
WC281           101.5    |         |    0.3  |                 |    0.8  |         |    274.5        WC281
EWP52                    |         |    0.0  |                 |    0.0  |         |                 EWP52
WR159            19.5    |         |    0.3  |                 |    0.6  |         |     38.1        WR159
FLEX             10.5    |         |    0.5  |                 |    0.5  |         |     10.5         FLEX
OTHER                    |         |         |                 |         |         |                 OTHER
                         |         |         |---CHL.FLTR.-----|    1.7  |         |
TRANSMITTER              |         |         |                 |         |         |
-----------              |         |         |                 |         |         |
TYPE             PWR.    |         |         |                 |         |         |
----             ----    |         |         |                 |         |         |
DR6-30-13        35.7    |   35.7  |         |                 |         |         |
-------------------------|---------|---------|                 |---------|---------|----------------------
                             79.9      2.8                          5.8       52.0
NOTES                                                                                            NOTES
-----                                                                                            -----
                             |          |                          |         |
1. WAVEGUIDE                 |          |     F.S.L.   -142.6 DB   |         |        1. WAVEGUIDE
 LENGTHS                     |    ------      LOSSES     -8.7 DB  --------   |             LENGTHS
    FROM                     ------------      GAINS    131.9 DB  -----------              FROM
          T-0S49-676                                   --------                     T-0S48-676
          T-0S49-677                          R.S.L.    -19.4 DB                    T-0S48-677

ISSUED:   4-30-88 TAT                 CRBN RRS     TO     MTVN RRS          SYSTEM DESIGN    M88-7
          -----------                 -----------------------------                          -----
```

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MTVN RRS             150.26 --------->            32.49           <---------  330.44           CRBN RRS
---------          -------------               -------------                -------------      ---------
TX. STA.           AZIMUTH (DEG)               DISTANCE (MI)                AZIMUTH (DEG)      RX. STA.

                                        FREQ.:    6.175 GHZ.
            TRANSMITTING                 POL.: HORIZ                            RECEIVING
--------------------------------------                            --------------------------------------
 ANTENNA          |GAIN(DB) |LOSS(DB) |                           |LOSS(DB) |GAIN(DB)|         ANTENNA
 -------          |---------|---------|                           |---------|--------|         -------
MFG.     WECO     |         |         |--------- RADOME ----------|         |        |GABRIEL      MFG.
TYPE     KS-15676 |         |     0.5 |--------POL. NET.----------|    1.3  |        |UHR-10A-B    TYPE
SIZE     HORN     |         |         |                           |         |        |HORN         SIZE
GAIN           43 |    43.0 |         |---------  OTHER ----------|         |   44.2 |    44.2     GAIN
CL(FT)      318.0 |         |         |--------COMPONENT----------|         |        |   146.0   CL(FT)
                  |         |         |                           |         |        |
                  |         |     1.0 |--------CIRC PORT----------|    1.0  |    9.0 |PREAMP      OTHER
                  |         |     0.2 |--------ISOLATORS----------|         |        |
WAVEGUIDE         |         |         |                           |         |        |         WAVEGUIDE
---------         |         |         |                           |         |        |         ---------
TYPE          FT. |         |         |                           |         |        |     FT.     TYPE
----          --- |         |         |                           |         |        |     ---     ----
WC281       274.4 |         |     0.8 |                           |    0.3  |        |   101.5    WC281
EWP52             |         |     0.0 |                           |    0.0  |        |            EWP52
WR159        32.7 |         |     0.5 |                           |    0.3  |        |    19.5    WR159
FLEX         10.5 |         |     0.5 |                           |    0.5  |        |    10.5     FLEX
OTHER             |         |         |                           |         |        |            OTHER
                  |         |         |--------CHL.FLTR. ---------|    1.7  |        |
TRANSMITTER       |         |         |                           |         |        |
-----------       |         |         |                           |         |        |
TYPE         PWR. |         |         |                           |         |        |
----         ---- |         |         |                           |         |        |
DR6-30-13    35.7 |    35.7 |         |                           |         |        |
------------------|---------|---------|                           |---------|--------|------------------
                       78.7       3.5                                  5.1      53.2
NOTES                                                                                             NOTES
-----                  |         |                                    |         |                 -----
1. WAVEGUIDE           |         |      F.S.L.    -142.6 DB           |         |     1. WAVEGUIDE
 LENGTHS               |         -----  LOSSES      -8.6 DB  ----------         |              LENGTHS
    FROM               ---------------   GAINS     131.9 DB  -------------------               FROM
         T-0S48-676                             --------                              T-0S49-676
         T-0S48-677                     R.S.L.     -19.3 DB                           T-0S49-677

ISSUED:  4-30-88 TAT                  MTVN RRS    TO    CRBN RRS              SYSTEM DESIGN    M88-7
         -----------                  ----------------------------                             ---------
```

```
LGMT RRS          323.14  --------->          26.43            <---------   142.97          CRBN RRS
--------          ---------------          ---------------                -------------    ---------
TX. STA.          AZIMUTH (DEG)            DISTANCE (MI)                  AZIMUTH (DEG)    RX. STA.

                                         FREQ.:    6.175 GHZ.
             TRANSMITTING                 POL.: UNSPECIFIED                          RECEIVING
------------------------------------------------                     -----------------------------------------------
 ANTENNA             |GAIN(DB) |LOSS(DB) |                            |LOSS(DB) |GAIN(DB) |            ANTENNA
 -------             |---------|---------|                            |---------|---------|            -------
MFG.      GABRIEL    |         |         |--------   RADOME   --------|         |         |GABRIEL         MFG.
TYPE      UHR-10A-B|         |     0.6 |-----------POL. NET.--------|      1.4 |         |UHR-10A-B       TYPE
SIZE      HORN       |         |         |                            |         |         |HORN            SIZE
GAIN          44.2   |   44.2  |         |--------    OTHER   --------|         |    44.2 |     44.2       GAIN
CL(FT)       109.0   |         |         |-----------COMPONENT--------|         |         |    235.0     CL(FT)
                     |         |         |                            |         |         |
                     |         |     0.5 |-----------CIRC PORT--------|      0.5 |     9.0 |PREAMP         OTHER
                     |         |     0.2 |-----------ISOLATORS--------|      0.0 |         |
WAVEGUIDE            |         |         |                            |         |         |           WAVEGUIDE
---------            |         |         |                            |         |         |           ---------
TYPE          FT.    |         |         |                            |         |         |     FT.        TYPE
----          ---    |         |         |                            |         |         |     ---        ----
WC281         55.0   |         |     0.2 |                            |      0.5 |         |   189.9       WC281
EWP52                |         |     0.0 |                            |      0.0 |         |               EWP52
WR159         48.4   |         |     0.7 |                            |      0.7 |         |    43.5       WR159
FLEX           7.5   |         |     0.4 |                            |      0.4 |         |     7.5        FLEX
OTHER                |         |         |                            |         |         |               OTHER
                     |         |         |-----------CHL.FLTR.--------|      1.7 |         |
TRANSMITTER          |         |         |                            |         |         |
-----------          |         |         |                            |         |         |
TYPE          PWR.   |         |         |                            |         |         |
----          ----   |         |         |                            |         |         |
DR6-30-13     35.7   |   35.7  |         |                            |         |         |
---------------------|---------|---------|                            |---------|---------|-----------------------
                         79.9       2.6                                     5.1       53.2
NOTES                                                                                                        NOTES
-----                      |         |                                       |         |                     -----
1. WAVEGUIDE               |         |        F.S.L.    -140.9 DB            |         |        1. WAVEGUIDE
 LENGTHS                   |    ------        LOSSES      -7.7 DB   ----------         |              LENGTHS
    FROM                   -------------      GAINS      133.1 DB   --------------------              FROM
          T-0S50-677                                     -------                            T-0S49-676
          T-0S50-678                          R.S.L.     -15.4 DB                           T-0S49-677

ISSUED:  4-30-88 TAT                   LGMT RRS     TO     CRBN RRS            SYSTEM DESIGN     M88-7
         -----------                   -----------------------------                             --------
```

```
CRBN RRS             142.97  -------->                 26.43                <--------   323.14             LGMT RRS
--------             -------------                 -------------                     -------------         --------
TX. STA.             AZIMUTH (DEG)                 DISTANCE (MI)                     AZIMUTH (DEG)         RX. STA.

                                              FREQ.:    6.175 GHZ.
             TRANSMITTING                      POL.: UNSPECIFIED                          RECEIVING
-----------------------------------------                                    ------------------------------------------
 ANTENNA            |GAIN(DB)  |LOSS(DB) |                              |LOSS(DB) |GAIN(DB)  |              ANTENNA
 -------            |----------|---------|                              |---------|----------|              -------
MFG.     GABRIEL    |          |         |---------  RADOME  -----------|         |          |GABRIEL         MFG.
TYPE     UHR-10A-B  |          |   0.6   |---------POL. NET.------------|   2.1   |          |UHR-10A-B       TYPE
SIZE     HORN       |          |         |                              |         |          |HORN            SIZE
GAIN          44.2  |   44.2   |         |---------   OTHER  -----------|         |   44.2   |   44.2         GAIN
CL(FT)       235.0  |          |         |---------COMPONENT------------|         |          |  109.0       CL(FT)
                    |          |         |                              |         |          |
                    |          |   0.5   |---------CIRC PORT------------|   0.5   |    9.0   |PREAMP         OTHER
                    |          |   0.2   |---------ISOLATORS------------|   0.0   |          |
WAVEGUIDE           |          |         |                              |         |          |            WAVEGUIDE
---------           |          |         |                              |         |          |            ---------
TYPE           FT.  |          |         |                              |         |          |     FT.        TYPE
----           ---  |          |         |                              |         |          |     ---        ----
WC281        189.9  |          |   0.5   |                              |   0.2   |          |    55.0       WC281
EWP52               |          |   0.0   |                              |   0.0   |          |               EWP52
WR159         45.7  |          |   0.7   |                              |   0.7.  |          |    48.4       WR159
FLEX           7.5  |          |   0.4   |                              |   0.3   |          |     6.5        FLEX
OTHER               |          |         |                              |         |          |               OTHER
                    |          |         |---------CHL.FLTR.------------|   1.7   |          |
TRANSMITTER         |          |         |                              |         |          |
-----------         |          |         |                              |         |          |
TYPE          PWR.  |          |         |                              |         |          |
----          ----  |          |         |                              |         |          |
DR6-30-13     35.7  |   35.7   |         |                              |         |          |
--------------------|----------|---------|                              |---------|----------|----------------------
                        79.9       2.9                                      5.5       53.2
NOTES                                                                                                          NOTES
-----                     |          |                                  |          |                           -----
1. WAVEGUIDE              |          |      F.S.L.     -140.9 DB         |          |      1. WAVEGUIDE
 LENGTHS                  |      -----      LOSSES       -8.4 DB  ----------------- |               LENGTHS
   FROM               ----------------       GAINS      133.1 DB  ---------------------              FROM
          T-0S51-676                                  --------                            T-0S50-677
          T-0S51-677                        R.S.L.      -16.2 DB                           T-0S50-678

ISSUED:   4-30-88 TAT                    CRBN RRS     TO     LGMT RRS               SYSTEM DESIGN    M88-7
          -----------                    ----------------------------                              -----
```

ANNUAL REVIEW REQUIREMENTS

Each microwave radio station and tower that provides circuits for the DDD Message Network should have a "Radio Relay Site Restoration Plan" covering the tower and equipment involved. Each plan will contain the following:

(1) An index sheet showing the contents of the plan. The index sheet will also show the latest issue number and date of each page of the plan, and indicate if any page has been changed since the previous update.

(2) A front sheet or first page to give a general description of the station.

(3) Radio Relay Site Restoration Plan Form PAS 84 (Pages 1, 2, and 3).

(4) Radio Relay Site Restoration Plan Form PAS 85 (Frequency Pattern).

(5) An intra-office interconnect drawing showing the equipment arrangement.

(6) A Restoration Plot Plan.

In addition to these six items, some restoration plans may contain a route map, an orderwire and alarm layout, or a mastergroup-supergroup layout.

Each plan is dated at the time it is issued initially and should be reviewed, thereafter, annually by the maintenance center. If changes are required, they should be given to the Operations Manager-Technical Support at Louisville, Kentucky so that an updated plan can be produced and distributed in accordance with company practices.

Louisville, Kentucky
March 15, 1983
Page 1 of 1
Issue 4

PROCEDURES FOR UPDATING AND CHANGING RADIO RELAY SITE RESTORATION PLANS

(1) When building and equipment changes are made that affect a restoration plan, the changes should be given to the Operations Manager-Technical Support at Louisville, Kentucky as soon as possible so that an updated plan can be produced and distributed in accordance with company practices. (Note: These types of changes are to be reported as they are completed and placed in service.)

(2) Any plan changes required as a result of the annual review are to be given to the Operations Manager-Technical Support at Louisville, Kentucky so that an updated plan can be produced and distributed in accordance with company practices. (Note: The annual review is not intended to cover building and equipment changes since these types of changes are to be reported as they are completed. However, if any of the information in the plan needs changing or updating due to errors, etc., the corrections should be reported to the Operations Manager-Technical Support.

RESPONSIBILITIES OF CONTRIBUTORS

TO RADIO RELAY SITE RESTORATION PLANS

	DOCUMENT IN SITE RESTORATION BOOK	CONTRIBUTOR
1.	Front sheet or first page. (General Description of Station)	Maintenance Center
2.	Form PAS 84, page 1, top half of form (all items from location through receive signal).	Operations Manager-Network Planning & Transmission
3.	Form PAS 84, page 1, bottom half of form (all items from primary power through remainder of page).	Maintenance Center
4.	Form PAS 84, pages 2 and 3.	Maintenance Center
5.	Form PAS 85.	Operations Manager-Network Planning & Transmission
6.	Intra-Office interconnect drawing.	Operations Manager-Network Planning & Transmission
7.	Restoration Plot Plan.	Operations Manager-Network Buildings & Real Estate
8.	Index Sheet and Book Covers.	Operations Manager-Technical Support

CONTRIBUTOR	RESPONSIBILITIES
Operations Manager-Buildings & Real Estate	1. Establish a Restoration Plot Plan for each radio station and tower site that involves the DDD message network. 2. Provide and stake yellow iron sighting pins in accordance with the plot plan. 3. Provide ten copies of each Restoration Plot Plan to the Operations Manager-Technical Support. Also, when required, update each Restoration Plot Plan as building and equipmen changes are made.

RESPONSIBILITIES OF CONTRIBUTORS TO RADIO RELAY SITE RESTORATION PLANS

CONTRIBUTOR	RESPONSIBILITIES
Maintenance Center	1. Provide one copy of front sheet or first page (General Description of Station), one copy of Form PAS 84, page 1 (bottom half) and one copy of Form PAS 84, pages 2 and 3, to Operations Manager-Technical Support for each radio station and tower that involves the DDD message network.
	2. Make an annual review of each Radio Relay Site Restoration Plan and provide the Operations Manager-Technical Support with one copy of all information which should be updated or changed. (Note: Since each plan is dated at the time it is issued initially, the review should be completed on or before the day and month shown on the plan.)
	3. Verify that the yellow iron sighting pins are in good condition and located as shown on the Restoration Plot Plan.
Operations Manager-Network Planning & Transmission	1. Transmission Engineering provides one copy of Form PAS 84, page 1 (top half), one copy of Form PAS 85 and one copy of intra-office interconnect drawing, to Operations Manager-Technical Support, for each radio station and tower site that involves the DDD message network.

RESPONSIBILITIES OF CONTRIBUTORS TO RADIO RELAY SITE RESTORATION PLANS

CONTRIBUTOR	RESPONSIBILITIES
Operations Manager-Network Planning & Transmission	Also, update, when required, each of the above documents when building and equipment changes are made and placed in service.
	2. If required, Transmission Engineering provides one copy of route map, an orderwire and alarm layout, or a mastergroup-supergroup layout.
Operations Manager-Technical Support	1. Provide book covers with issue dates for the microwave radio emergency restoration plans.
	2. Provide index sheets for each plan or book.
	3. Receive all update and change information.
	4. Issue updated pages as soon as possible after receiving the information specified in item 3 above and distribute in accordance with company practices.

PAS 85
11-63

Page 1
Of 1 Pages

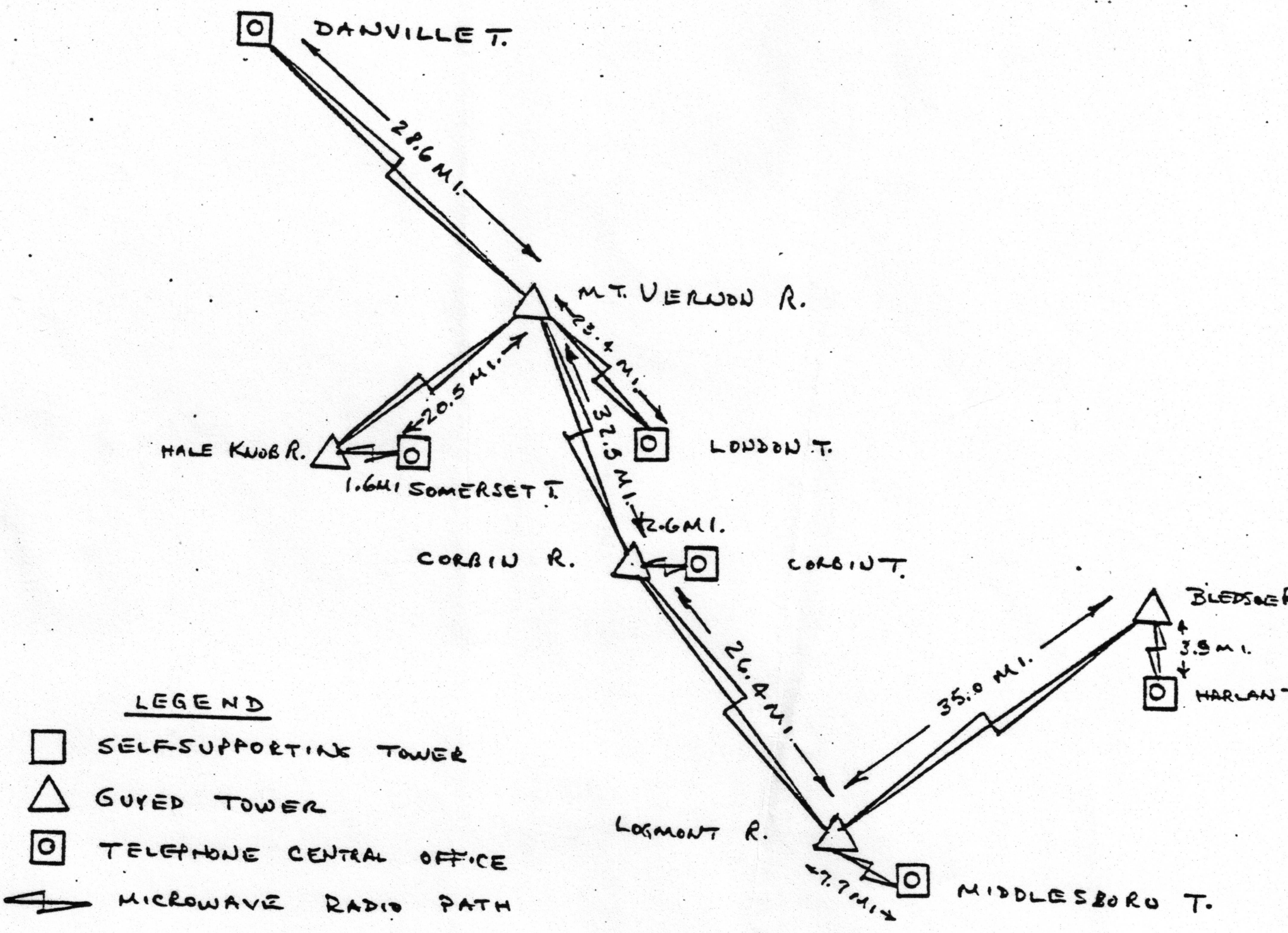
RADIO RELAY SITE RESTORATION PLAN

FREQUENCY PATTERN AS OF 7-16-86

ROUTE DANVILLE- HARLAN STATION CORBIN R.

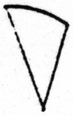
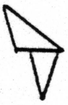
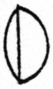
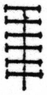
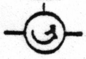
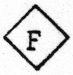
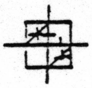
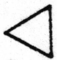
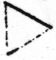
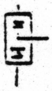
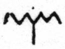
Chan in Svc*	Receiving		Transmitting					Receive From	Transmit To
	Freq. (MHz)	Pol.	Freq. (MHz)	Pol.					
		SEE ENCLOSED CHANNEL ASSIGNMENT AND FREQUENCY PLAN!							

*Indicates channel designation(101,102 etc.)


DANVILLE T.
28.6 MI.
MT. VERNON R.
23.4 MI.
20.5 MI.
HALE KNOB R.
1.6 MI
SOMERSET T.
32.5 MI.
LONDON T.
2.6 MI.
CORBIN R.
CORBIN T.
26.4 MI.
35.0 MI.
BLEDSOE
3.9 MI.
HARLAN
LOGMONT R.
7.7 MI
MIDDLESBORO T.
LEGEND
SELF-SUPPORTING TOWER
GUYED TOWER
TELEPHONE CENTRAL OFFICE
MICROWAVE RADIO PATH

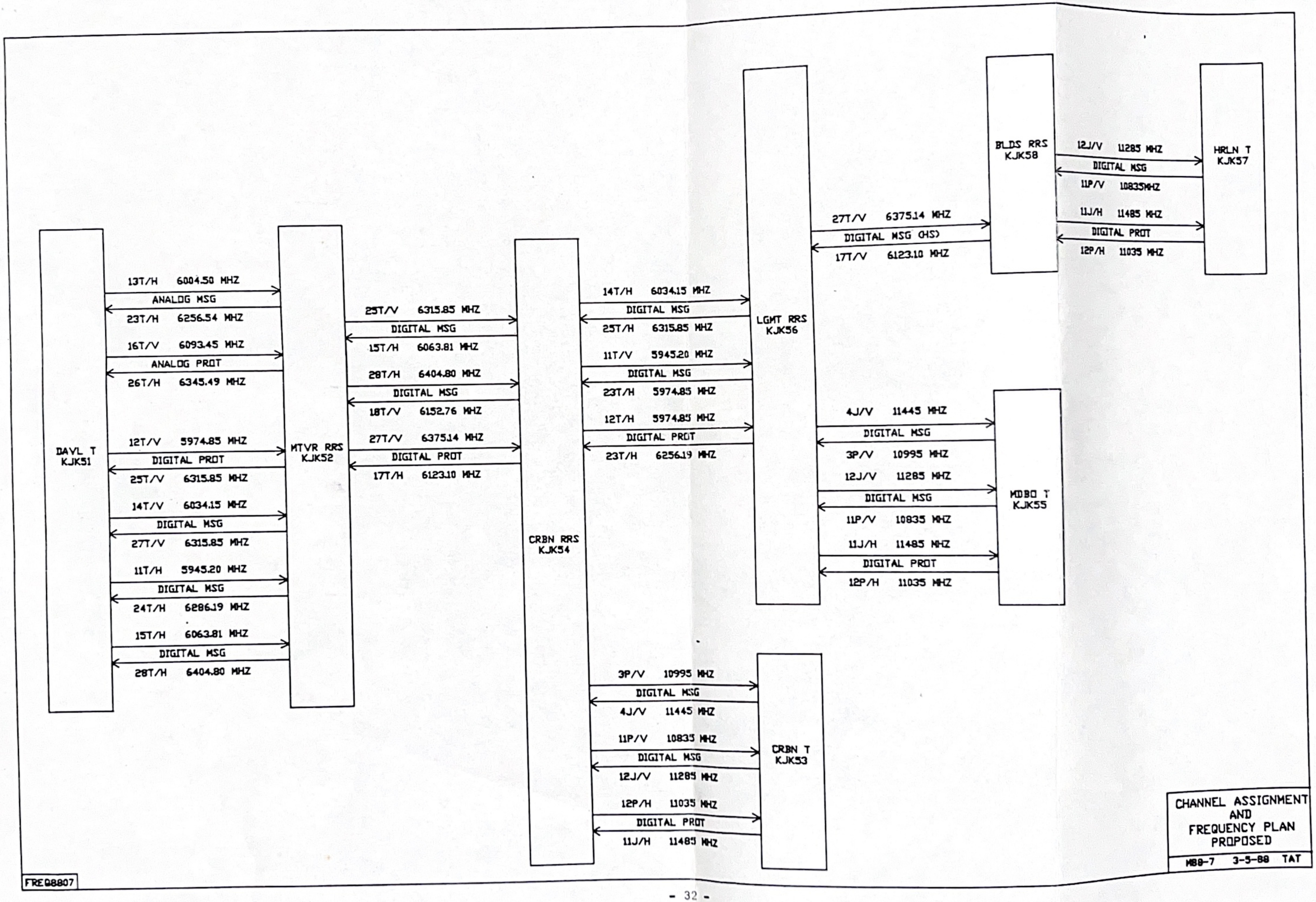
LOCATION MAP
DANVILLE - HARLAN
MICROWAVE RADIO ROUTE

Date 5-28-80	Engr. R.P. WALKER

	KS-15676, LIST 9BC OR 9BD HORN REFLECTOR ANTENNA
	GABRIEL UHR-10A-C OR HPHC-6B HORN REFLECTOR ANTENNA
	PARABOLIC ANTENNA, TYPE SPECIFIED
	DECIBLE PRODUCTS MAINTENANCE RADIO ANTENNA, TYPE SPECIFIED
B	BLANK WAVEGUIDE SPACER
8	1428A WAVEGUIDE NETWORK
6	1406A WAVEGUIDE NETWORK
5	1405A WAVEGUIDE NETWORK
4	1424A WAVEGUIDE NETWORK
	WAVEGUIDE CIRCULATOR
H	HYBRID, COAXIAL
HP LP	HIGH-PASS/LOW-PASS FILTER
PAD	PAD, WAVEGUIDE OR COAXIAL
361B	LENKURT 361B MULTIPLEX
E-2	E-2 STATUS REPORTING SYSTEM
GPOW	GENERAL PURPOSE ORDERWIRE
B/B AP	BASEBAND; ACCESS PANEL
400A	400A SWITCHING SYSTEM
	WAVEGUIDE FILTER
	COAXIAL SWITCH
	4A FM TRANSMITTER
	4A FM RECEIVER
	PIN-DIODE SWITCH
	TERMINATION, WAVEGUIDE OR COAXIAL
(-5)	SINGLE CHANNEL TEST TONE LEVEL IN dBm

LEGEND SHEET
OF
SYMBOLS USED

Date 1-18-78 | Engr. E.L.MARVEN


BLDS RRS
KJK58
12J/V 11285 MHZ
DIGITAL MSG
11P/V 10835MHZ
11J/H 11485 MHZ
DIGITAL PROT
12P/H 11035 MHZ
HRLN T
KJK57
27T/V 6375.14 MHZ
DIGITAL MSG (HS)
17T/V 6123.10 MHZ
LGMT RRS
KJK56
13T/H 6004.50 MHZ
ANALOG MSG
23T/H 6256.54 MHZ
16T/V 6093.45 MHZ
ANALOG PROT
26T/H 6345.49 MHZ
12T/V 5974.85 MHZ
DIGITAL PROT
25T/V 6315.85 MHZ
14T/V 6034.15 MHZ
DIGITAL MSG
27T/V 6315.85 MHZ
11T/H 5945.20 MHZ
DIGITAL MSG
24T/H 6286.19 MHZ
15T/H 6063.81 MHZ
DIGITAL MSG
28T/H 6404.80 MHZ
DAVL T
KJK51
MTVR RRS
KJK52
25T/V 6315.85 MHZ
DIGITAL MSG
15T/H 6063.81 MHZ
28T/H 6404.80 MHZ
DIGITAL MSG
18T/V 6152.76 MHZ
27T/V 6375.14 MHZ
DIGITAL PROT
17T/H 6123.10 MHZ
CRBN RRS
KJK54
14T/H 6034.15 MHZ
DIGITAL MSG
25T/H 6315.85 MHZ
11T/V 5945.20 MHZ
DIGITAL MSG
23T/H 5974.85 MHZ
12T/H 5974.85 MHZ
DIGITAL PROT
23T/H 6256.19 MHZ
4J/V 11445 MHZ
DIGITAL MSG
3P/V 10995 MHZ
12J/V 11285 MHZ
DIGITAL MSG
11P/V 10835 MHZ
11J/H 11485 MHZ
DIGITAL PROT
12P/H 11035 MHZ
MDBO T
KJK55
3P/V 10995 MHZ
DIGITAL MSG
4J/V 11445 MHZ
11P/V 10835 MHZ
DIGITAL MSG
12J/V 11285 MHZ
12P/H 11035 MHZ
DIGITAL PROT
11J/H 11485 MHZ
CRBN T
KJK53

CHANNEL ASSIGNMENT
AND
FREQUENCY PLAN
PROPOSED

M88-7 3-5-88 TAT

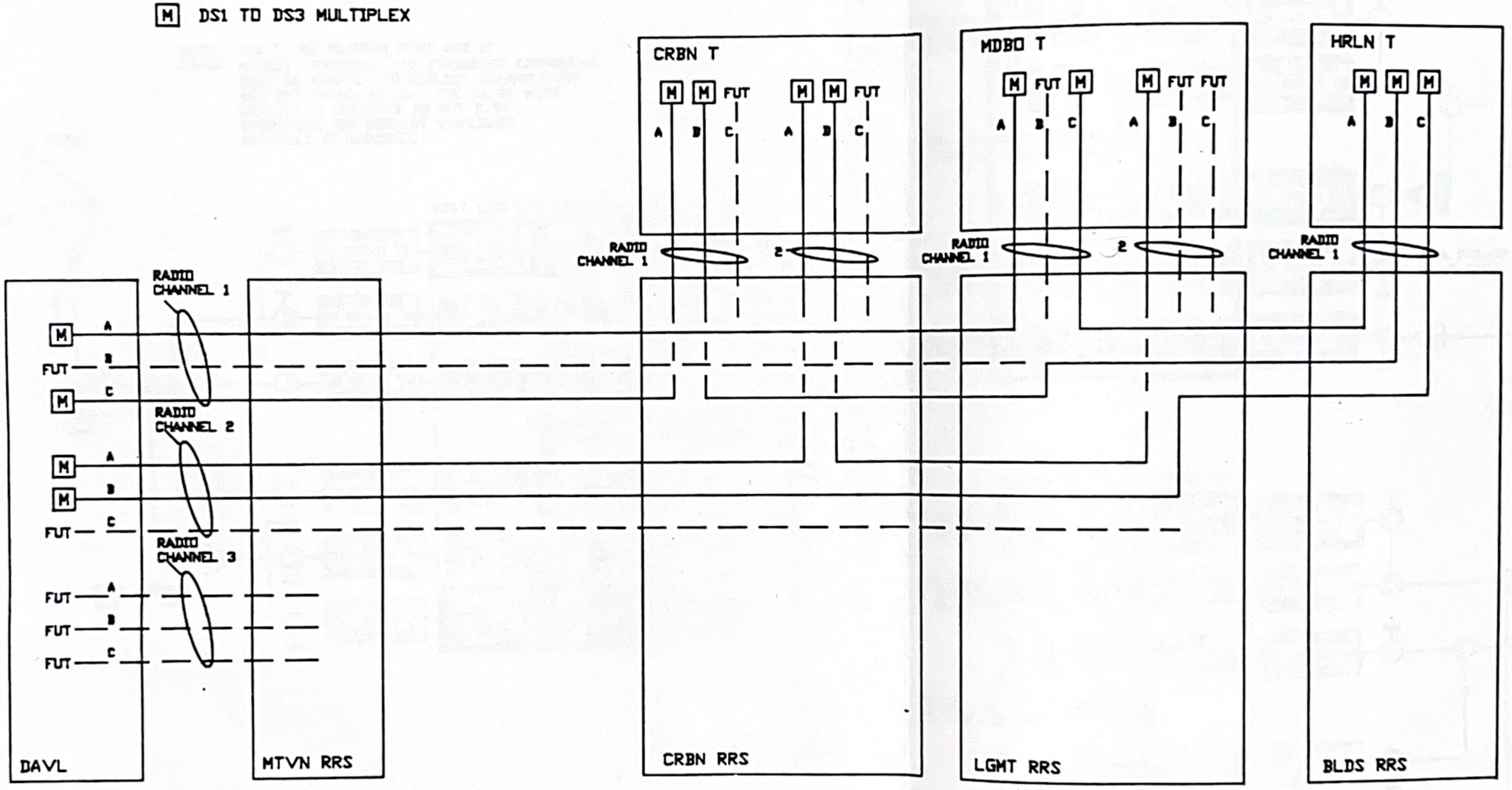
FREQ8807

UHR10
TO
HTVN
RRS
VC-281
8
8
H
V
AT&T 135A LTB (1X2 FREQ DIV)
DR6-30-135
CH 15T/H TX
6063.81 MHZ
DR6-30-135
CH 18T/V TX
6152.76 MHZ
DR6-30-135
CH 17T/H TX
6123.11 MHZ
DR6-30-135
CH 27T/V RX
6375.15 MHZ
DR6-30-135
CH 28T/H RX
6404.80 MHZ
DR6-30-135
CH 25T/V RX
6315.85 MHZ
+9
329A PREAMP
+9.0 dB GAIN
MOD
I & Q FLTR
D/A CONV
CRC
FRAME GEN
DECDR
DEMOD
ATE
FRAMER
FRAME RMVR
CODER
SVC CH
TO E2A
TO GPOW
TO/FROM
DIGITAL AUX CHANNELS
DAS
B
B
GPOW
AT&T 135A LTB (1X2 FREQ DIV)
DR6-30-135
CH 11T/V TX
5945.20 MHZ
DR6-30-135
CH 14T/H TX
6034.15 MHZ
DR6-30-135
CH 12T/H TX
5974.85 MHZ
DR6-30-135
CH 23T/H RX
6256.54 MHZ
DR6-30-135
CH 25T/H RX
6315.85 MHZ
DR6-30-135
CH 24T/V RX
6286.19 MHZ
329A PREAMP
+9 dB GAIN
UHR10
TO
LGHT
RRS
VC-281
AT&T 135A LTB (1X2 FREQ DIV)
DR11-40-135
CH 3P/V TX
10995 MHZ
DR11-40-135
CH 11P/V TX
10835 MHZ
DR11-40-135
CH 12P/H RX
11035 MHZ
DR11-40-135
CH 11J/H RX
11485 MHZ
DR11-40-135
CH 12J/V RX
11285 MHZ
DR11-40-135
CH 4J/V RX
11445 MHZ
UHR6
TO
CRBN
T
VC-281
4
CRBNR007
M88-7 4-7-88 TAT
2-15-88 TAT

ADDED THIS DESIGN

NOTE: THE TX/RX TO/FROM HTVN RRS IS ALREADY PRESENT. THE FREQUENCY COMPONETS MUST BE CHANGED TO REFLECT CHANNELS 15T AND 25T SHOWN BELOW. THE TX/RX WERE ORIGINALLY ARRANGED AS HOT STBY, THEREFORE THE CORRECT WAVEGUIDE ASSEMBLY IS REQUIRED.

CORBIN RRS
DIGITAL RADIO
BLOCK & LEVEL
PROPOSED


M DS1 TO DS3 MULTIPLEX
CRBN T
M M FUT M M FUT
A B C A B C
RADIO CHANNEL 1
2
MDBO T
M FUT M M FUT FUT
A B C A B C
RADIO CHANNEL 1
2
HRLN T
M M M
A B C
RADIO CHANNEL 1
RADIO CHANNEL 1
M A
FUT B
M C
RADIO CHANNEL 2
M A
M B
FUT C
RADIO CHANNEL 3
FUT A
FUT B
FUT C
DAVL
MTVN RRS
CRBN RRS
LGMT RRS
BLDS RRS

MUX8807

M88-7
DSX-3 & MULTIPLEX
ASSIGNMENTS
M88-7 4-25-88 TAY

OFFICE RECORD INDEX
OFFICE INFORMATION

BASE NO	SER	PAGE
0549	00	001

EQUIPMENT LOCATION ADDRESS	TOWN	STATE	ZIP CODE	BUILDING ID	SVC CENTER	SVC NO	PRINT DATE
HWY 727 SW OF CORBIN	CORBIN	KY	40701		NASHVILLE	322	12/14/73

OWN	TELCO	TELCO AREA	TELCO DIV	INSTLN ORBIT NO	INSTLN AREA	INSTLN DIST	TC ACCT CD
	SO CENT	KY	EAST		KY TENN	KY TENN	

LINE	OFFICE NAME	CLLI	SYS	FLOOR	LINE	OFFICE NAME	CLLI	SYS	FLOOR	LINE	OFFICE NAME	CLLI	SYS	FLOOR
01	RADIO TOWER													

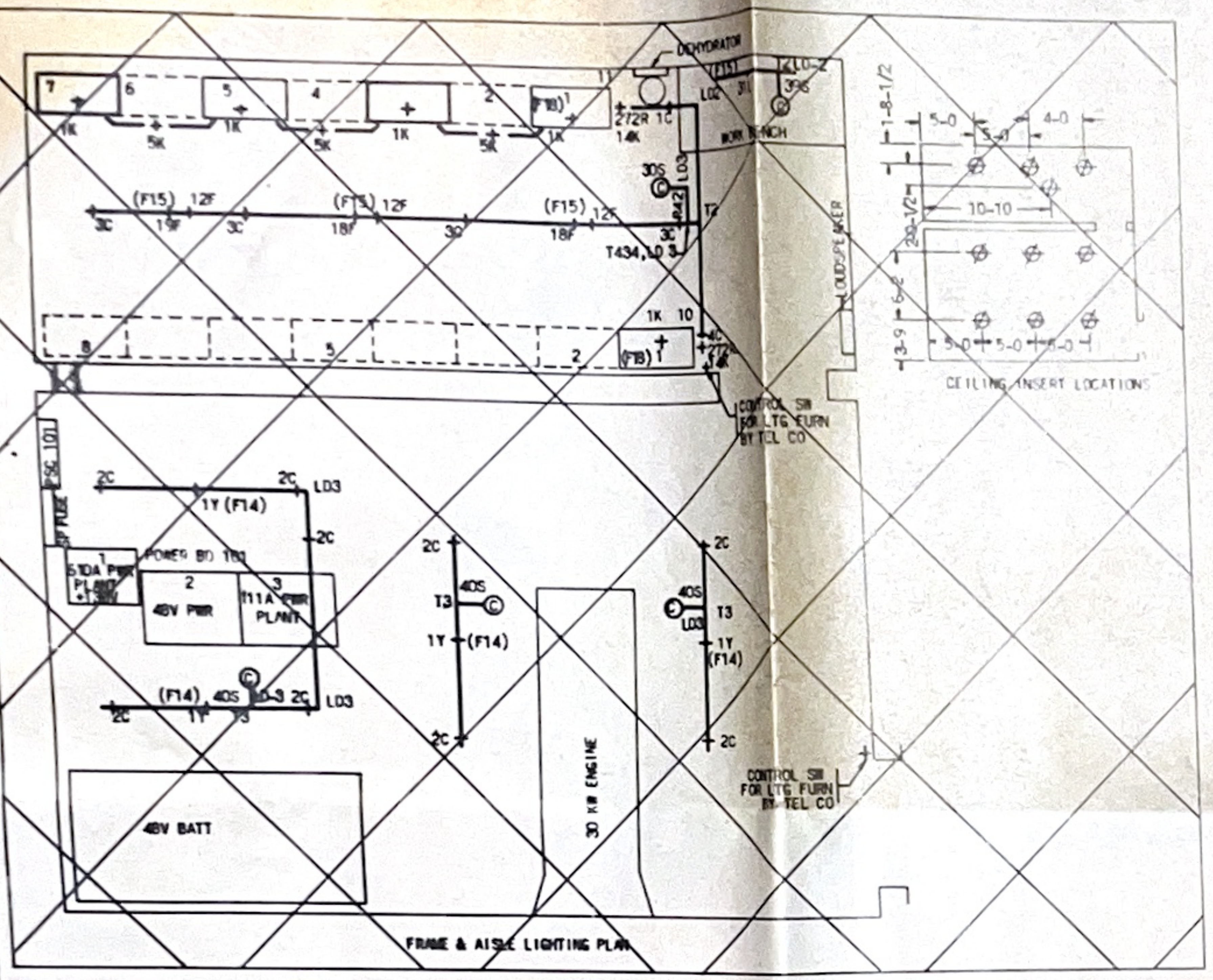
SEC	IA	SYM	Y-N	LINE	GENERAL OFFICE INFORMATION	SEC	IA	SYM	Y-N	LINE	GENERAL OFFICE INFORMATION
01					GENERAL CHARACTERISTICS:						
		LA		01	MICROWAVE TYPE /S/ LENKURT						
99					FEATURE UPDATE HISTORY						

DATE	ORDER	NAME	DEPT	C P S
092273	50961	ERS CONVERSION	000000	
111673	51080	MJ ARNOLDI	423162	N N N

OFFICE RECORD INDEX
OFFICE INFORMATION

PRINT DATE	BASE NO	SER	PAGE
12/14/73	0549	00	002

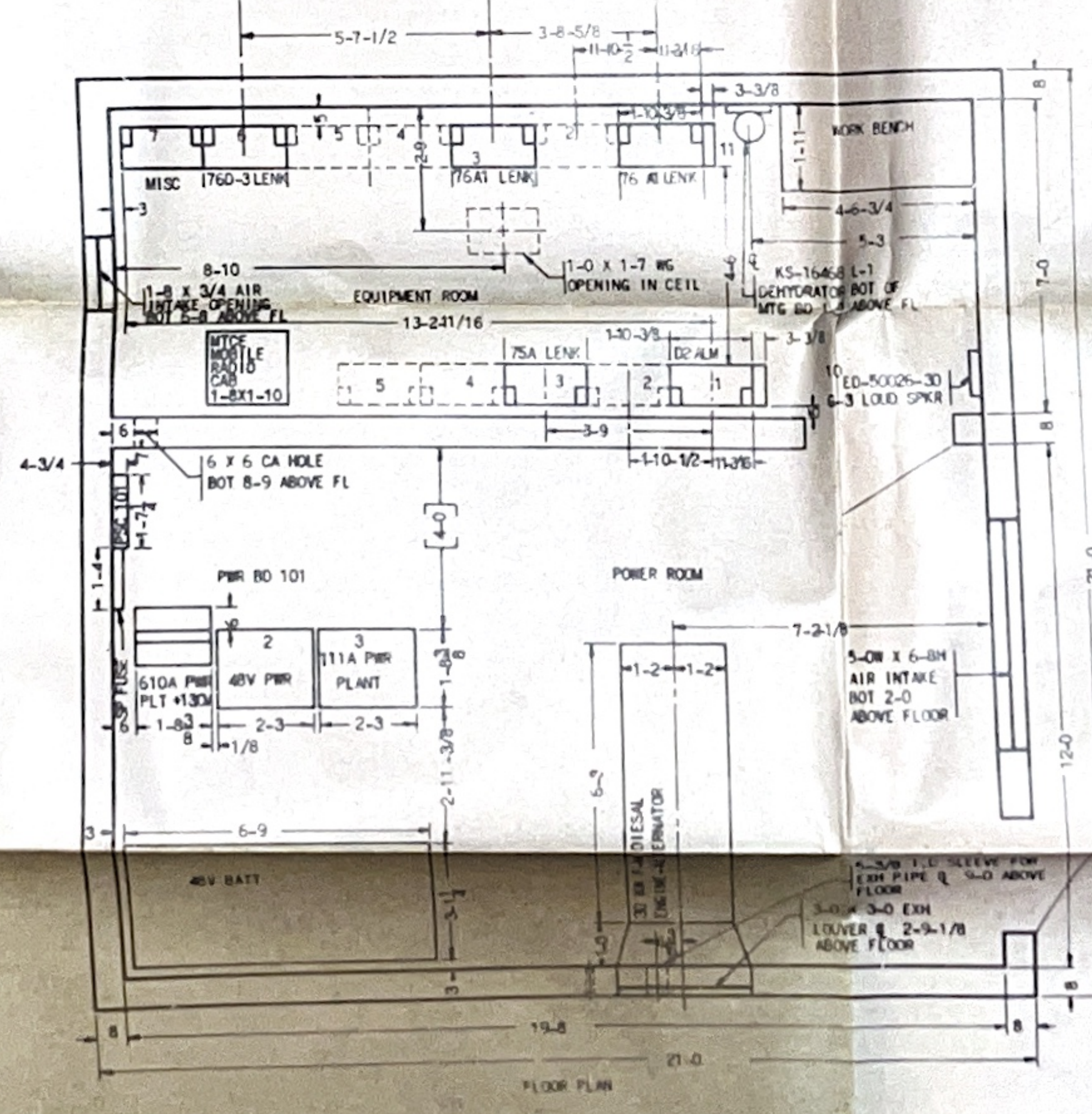
FL	LINE OR ROW	CMPTR	DRAWING NO SC	DRAWING NO DASH	ALPHA	EXD PASH	R	ISS	NII	ASSOC WL SC	ASSOC WL DASH	DOT CYPE	TITLE / REMARKS EQUIPMENT DESCRIPTION	LOCATION OR SEQUENCE	OWN	NOTE	STATUS	CODE	M	P	CODE	M	P	CODE	M	P	CODE	M	P	CODE	M	P
A				0RI		00		002	0			OR	OFFICE RECORD INDEX					160	1	0	210	1	0	402	1	0	740	1	0			
1				0				008	0			OR	VOID VOID DATE 121272 OFF DWG RECORD				V	240	1	0	402	1	0									
1				01				008	0			FP	FLOOR PLAN					160	1	0	402	1	0									
1	11			170				006	1		1330	RR	LK 76A1.M.W.,11.1-7					160	1	0	402	1	0									
1	10			171				007	1		1350 1851	RR	RR D2 ALM-MTC MOBILE RADIO CAB					160	1	0	402	1	0									
1				250				006	1			AS	LENKURT ALM APPLICATION SCHEMATIC					160	1	0	402	1	0									
1				251				004	1			AS	LENK SG BLOCKING& BRANCHING APPLI SCHEM					402	1	0												
1				287				008	0			MC	INDOOR&OUTDOOR WG PLAN					160	1	0	402	1	0									
1				520				005	0			PR	FRT EQPT-PBD 101.1 TO 3 -48V,PLUS 130V					402	1	0												
1				563				006	0			PR	PWR CONN&CA RUN LIST					402	1	0												
1				601				008	0			CA	CA RK,AUX FR					402	1	0												
1				650				004	0			CA	FORMED CA.FRWK REC.GRD SCHEM					402	1	0												
1				676				005	0			MC	INDOOR WAVEGUIDE RUNS					160	1	0	402	1	0									
1				0635				004	0			WL	WL&BLK SCHEM&EQPT AC SERVICE					402	1	0												
1				0650				005	0			WL	WL&BLK SCHEM 48V CHG.DISCH					402	1	0												
1				0651				002	0			WL	WL&BLK SCHEM PLUS 130V CHG.DISCH					402	1	0												
1	11			1830				005	1			WL	76A1 LENKT MW EQPT BAY 11.1 TO 11.7					160	1	0	402	1	0									
1	10			1850				006	1			WL	WL 10 LINE					160	1	0	402	1	0									
1	10			1851				004	0			WL	WIRING LIST BAY 10.3 LENKURT 75A MW EQPT					160	1	0	402	1	0									


DEHYDRATOR
WORK BENCH
LOUDSPEAKER
CEILING INSERT LOCATIONS
CONTROL SW FOR LTG FURN BY TEL CO
POWER BD 101
610A PWR
48V PWR
111A PWR PLANT
SP FUSE
PSC 101
48V BATT
30 KW ENGINE
T434, LD 3
LD3
(F14)
(F15)
2C
3C
1Y
1K
5K
12F
18F
40S
30S

FRAME & AISLE LIGHTING PLAN

TABLE NO. 1
TABLE OF LIGHTING CIRCUIT ASSIGNMENTS

CKT NO.	NO. OF LAMPS 20W	40W	TOTAL WATTS
14	4	4	240
[illegible]		8	320


EQUIPMENT ROOM
POWER ROOM
WORK BENCH
MISC
760-3 LENK
75A1 LENK
76 A1 LENK
75A LENK
D2 ALM
MTCE MOBILE RADIO CAB 1-8X1-10
1-0 X 1-7 WG OPENING IN CEIL
1-8 X 3/4 AIR INTAKE OPENING BOT 5-8 ABOVE FL
KS-16468 L-1 DEHYDRATOR BOT OF MTG BD 1-8 ABOVE FL
ED-50026-30 G-3 LOUD SPKR
6 X 6 CA HOLE BOT 8-9 ABOVE FL
PWR BD 101
610A PWR PLT +130V
48V PWR
111A PWR PLANT
SP FUSE
PSC 101
48V BATT
30 KW DIESAL ENGINE-ALTERNATOR
5-0W X 6-8H AIR INTAKE BOT 2-0 ABOVE FLOOR
4-3/8 I.D. SLEEVE FOR EXH PIPE 9-0 ABOVE FLOOR
3-0 X 3-0 EXH LOUVER 2-9-1/8 ABOVE FLOOR
5-7-1/2
3-8-5/8
3-3/8
8-10
13-2 11/16
4-6-3/4
7-0
21-0
12-0
19-8
21-0
6-9
7-2-1/8
SCALE IN FEET

FLOOR PLAN

MANUFACTURING NOTES

~~1. ——— DENOTES ARMD CABLE FOR OVERHEAD RUNS ON CABLE RACK.~~

~~2. DESIGNATIONS BT, 2F, 6K, 3D, ETC DENOTES GROUP NUMBERS SHOWN ON STOCKLIST DRAWINGS AS FOLLOWS:~~
~~"B" SUPPORTING MAT'L FOR FLUORESCENT LTG. ED-81368-16~~
~~"C" CONDUIT SUPPORT EQPT ED-81705-10~~
~~"F" FLUORESCENT LTG UNIT (KS-15873) & FIXTURE SUPPORTS FOR KS-15873 & KS-15857 UNITS ED-81708-10.~~
~~"K" APPLIANCE OUTLET RISER ARRANGEMENTS FOR CABLE DUCT TYPE BAYS. ED-63615-30 & -31.~~
~~"L" FLUORESCENT LIGHTING UNIT KS-15857 ED-81345-15.~~
~~"R" RECEPTACLES & ASSOC EQPT [illegible]~~
~~"S" SWITCH & RISER EQPT ED-81705-10, -11, -12.~~
~~"Y" FLUORESCENT LTG UNIT ED-82070-10~~

~~3. © DENOTES CEILING OUTLET.~~

4. CLEARANCE BETWEEN ENDS OF FRAMES TO BE 1/8 UNLESS OTHERWISE SPECIFIED.

5. FRAMES SHOWN IN BLOCK FORM HAVE THE SAME DIMENSIONS AS THE ADJACENT FRAME OF THE PARTICULAR LINEUP UNLESS OTHERWISE SHOWN.

6. DIMENSIONS LOCATING FLOOR MOUNTED MACHINES ARE SHOWN TO THE EDGES OF THE SUB-BASE DISREGARDING MOUNTING LUGS.

7. DIMENSIONS OF CABLE HOLES ARE TO THE INSIDE OF THE FINISHED CABLE HOLE SHEATHING.

8. DIMENSIONS SHOWN IN BRACKETS SHALL NOT BE USED BY THE INSTALLER.

9. WIDTHS OF FRAMES ARE 11 UNLESS OTHERWISE SHOWN.

TEL CO ORD NO. 00560
6247969R005 9-23-63

NS LP		x	1

PWR BD 101.1-.3, PSC 101, SP FUSE, 48V BATT, & 30 KW ENGINE ADDED.
TEL CO ORD NO 00885
6248558R005 9-23-63 CL.D

HT LP	x	x	2

FRAME & AISLE LTG PLAN AND ASSOC. NOTES RMV.
TEL CO ORD NO. 00880
6247969R005 1-17-64 CL-A

[illegible]			3

LINE UP 10 READ 3 INCHES OFF WALL PER INSTL MARKED PRT.
TEL CO ORD NO. 00560
[illegible] 5-13-64 CL-D

[illegible]	X	X	4

MAINTENANCE MOBILE RADIO CABINET ADDED.
TEL CO REF 01695
TEL CO LET 7-15-64
8-6-64 CL-D

DTO	X	X	5

BAY 11.5; RMV. BAY 11.6, 10.4; ADDED.
TEL CO ORD 04550
6175698R005 10-19-67 CL-D

[illegible]	X	X	6

3 DIM FROM WALL TO BAY 11.7; ADDED.
TEL CO ORD NO. 04550
6175658R005 11-8-67 CL-A

DC	X	X	7

BAY 10.3 READ "10.4", BAYS 10.1 & 10.3 RELOC 8 TO THE LEFT.
TEL CO ORD 04550
6175658R005 6-5-68 CLA

PF	X	X	8

ENGINEERING NOTES

51. MADE FROM TEL CO'S STUDY PLAN KBS 1919 A-1 ISSUE 3 DATED 1963 & ARCHITECTS FOLIO NO. 1536 SET NO. 16 DATED 7-15,1963

52. FOR ASSOC DRAWINGS SEE :
T-0S49-601 CABLE RACK PLAN
T-0S49-650 GROUND SCHEMATIC PLAN

8

T-0S49-01

FLOOR PLAN
RADIO RELAY STATION
SOUTHERN BELL TEL & TEL CO
R5

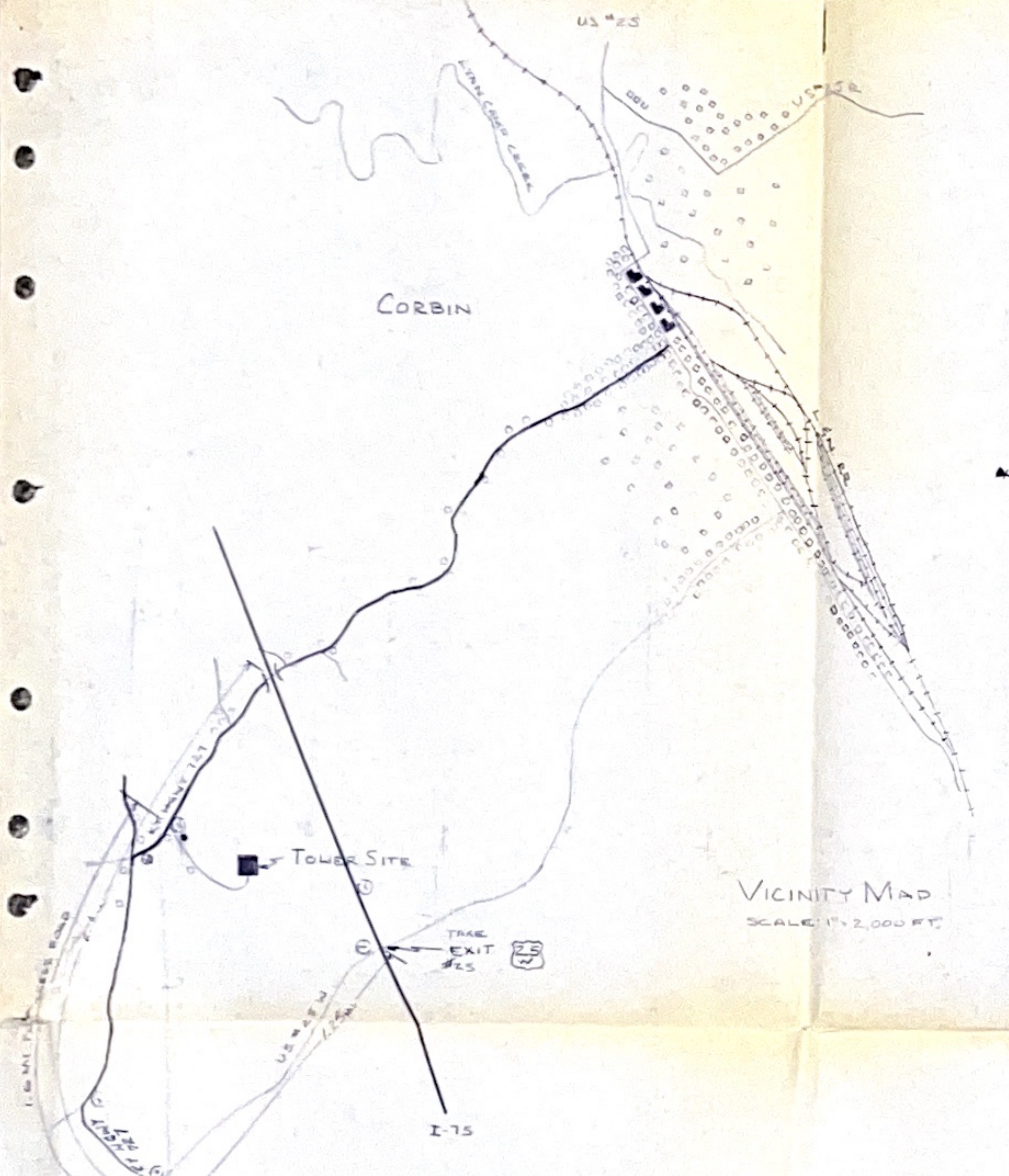
MIDDLESBORO RDN
CORBIN, KY.

WESTERN ELECTRIC COMPANY, INC.
XBS

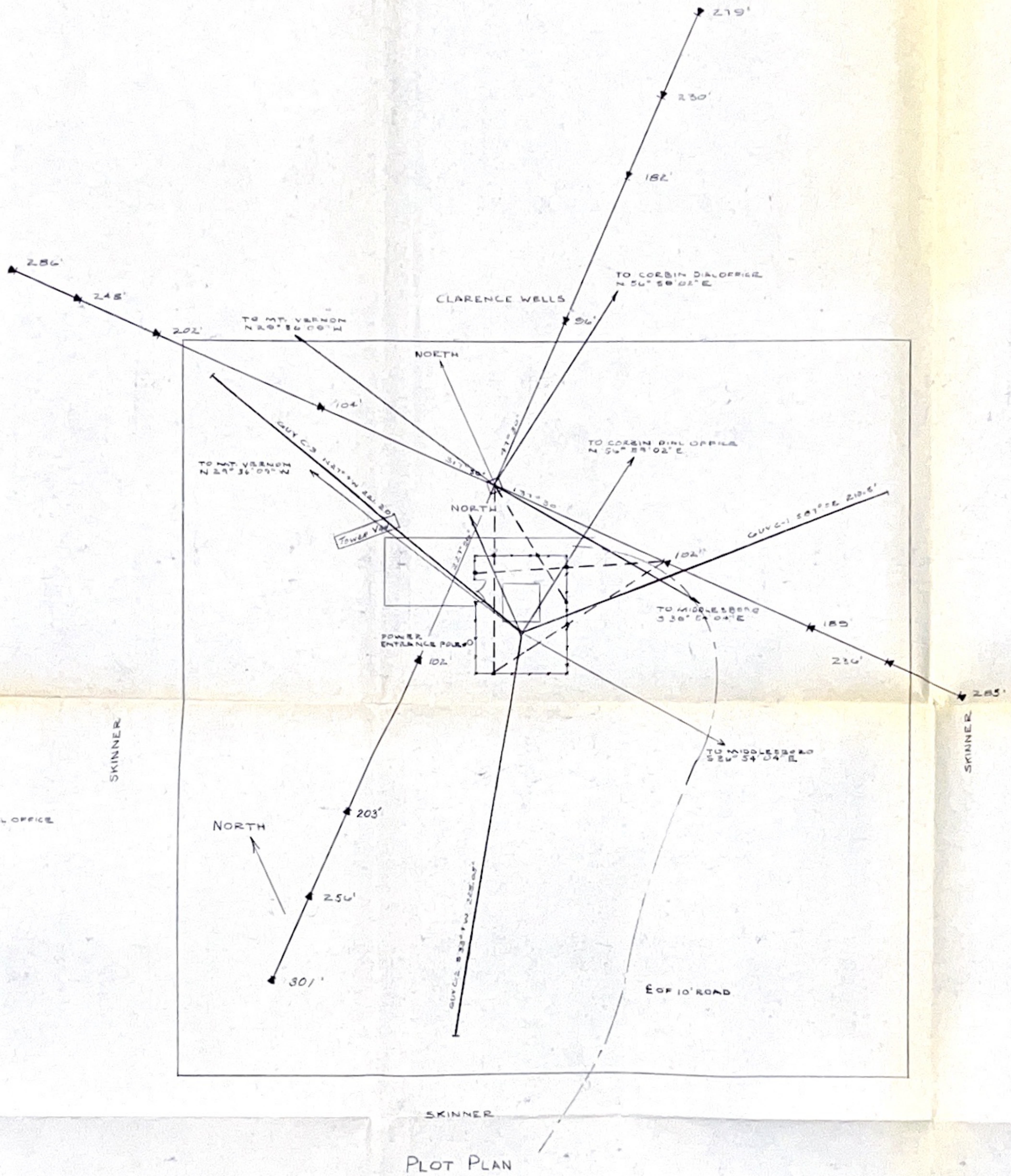
T-0S49-01

T-0S49-01

AT&T


US #25
LYNN CAMP CREEK
US #25E
CORBIN
L&N RR
TOWER SITE
TAKE EXIT #25
25 W
US #25 W
I-75
KY HWY 727
ACCESS ROAD

VICINITY MAP
SCALE: 1" = 2,000 FT.


279'
230'
182'
286'
248'
202'
TO CORBIN DIAL OFFICE N 56° 58' 02" E
CLARENCE WELLS
96'
TO MT. VERNON N 29° 36' 09" W
NORTH
104'
317°30'
77°30'
137°30'
227°30'
GUY C-3 N47°W 221.20'
TO MT. VERNON N 29° 36' 09" W
TO CORBIN DIAL OFFICE N 56° 59' 02" E
NORTH
TOWER VAN
GUY C-1 S67°E 210.6'
102'
TO MIDDLESBORO S 36° 54' 04" E
185
230'
285'
POWER ENTRANCE POLE
102'
TO MIDDLESBORO S 26° 54' 04" E
SKINNER
SKINNER
NORTH
203'
250'
301'
GUY C-2 S33°W 225.0'
E OF 10' ROAD
SKINNER

PLOT PLAN
SCALE: 1" = 40'

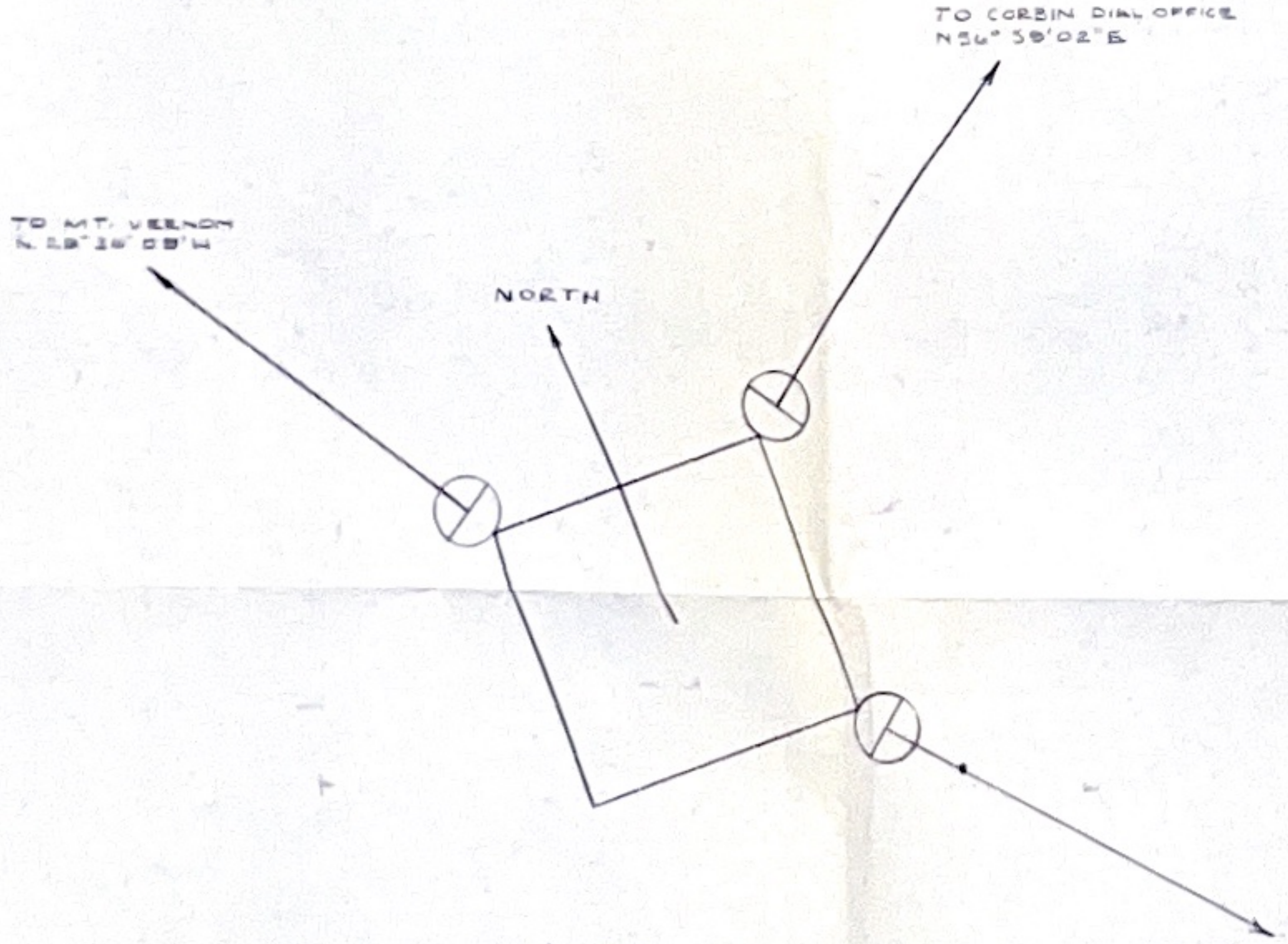
NOTES:

1. 76' - ANCHOR LOCATIONS CORRECTED FOR ELEVATION DIFFERENCES ARE SHOWN ON PLOT PLAN. ALL MEASUREMENTS FOR ANCHORS ARE FROM CENTER OF TOWER BASE. ALL CHAINING FOR ANCHOR LOCATIONS ARE ALONG GROUND CONTOUR
2. LEVEL TOWER LOCATION WITH HAND TOOLS ONLY.
3. ● IRON SIGHTING PIN
4. - - - - SIGHTING LINE
5. ⊙ "TO DAMAGED SITE" DIRECTION SIGNS.
6. CLEAR TREES & BRUSH ALONG GUY RUNS. ALONG GUY RUNS THERE IS PLENTY OF TREES & BRUSH. ALSO ROAD NOT TO GOOD, VAN MAY NEED ASSISTANCE TO GET TO SITE.
7. Emergency Tower Base Elev. 1380 AMSL
8. Use 72" Expanding Anchor
9. TYPE OF ANTENNA URH-6

RATING STUDY
S.C.B.T. Co
SEPT 1974
DRFTSMAN R.E.B.
CHECKED: DJA
ISSUE 1
1-5-78 R.E.P. REVISED DISTANCE FROM HWY #26 TO TOWER ACCESS ROAD FROM 1.3 TO 1.6 MILES PER FIELD CHECK ISSUE-2 DJA
5-19-81 DAC ADDED ANTENNA URH 6 ISSUE-3 WAW

TOWER DATA

USE 272' TOWER
TOWER DATA MAY BE FOUND IN BSP 621-715-112LL ISSUE A, SEPTEMBER 1973 PAGE 2-45,46


TO MT. VERNON N 29° 36' 09" W
NORTH
TO CORBIN DIAL OFFICE N56° 58' 02" E
TO MIDDLESBORO S26° 54' 04" E

ANTENNA DATA
NOT TO SCALE

NOTE:
NON-EMERGENCY RESTORATION KIT NETWORKS AND WAVEGUIDES WILL BE NEEDED TO RESTORE SERVICE DUE TO SINGLE HORN OPERATION AND THE FREQUENCY BAND OF SERVICE TO BE RESTORED.

0-10

RESTORATION
CORBIN, KY.
PLOT PLAN R.R.S.
SCALE - AS SHOWN

CRBNKYQ2134

3

KBS-1920-A R